

Converting Colors

YUV(65.6190, 27.7958,
-48.7779)

Have a look what the booklet for
YUV(65.6190, 27.7958, -48.7779)
contains.

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Color

**YUV(65.6190, 27.7958,
-48.7779)**

Conversions

Conversions Part 1

Format	Color
Hex	0A537A
RGB	10, 83, 122
RGB Percent	4%, 33%, 48%
CMY	0.9608, 0.6745, 0.5216
CMYK	0.92, 0.32, 0.00, 0.52
HSL	201°, 85%, 26%
HSV	201°, 92%, 48%
XYZ	6.7313, 7.6562, 19.5354
YIQ	65.6190, -56.0270, -3.3470

Conversions

Conversions Part 2

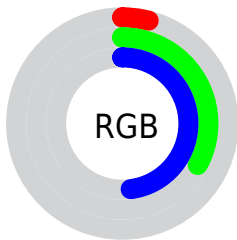
Format	Color
R_{YB}	10, 54, 122
Decimal	676730
CIE _{Lab}	33.26, -5.45, -27.88
CIE _{LCh}	33, 28.404, 258.947
Yxy	7.6562, 0.1984, 0.2257
Android (android.graphics.Color)	4278866810 (0xFF0A537A)
YUV	65.6190, 27.7958, -48.7779
Hunter-Lab	27.6698, -4.9982, -22.4909

Details

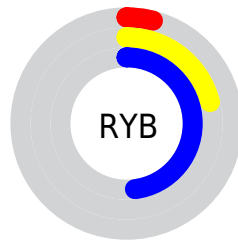
The YUV color **65.6190, 27.7958, -48.7779** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **66.3810, -27.7958, 48.7779**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.7560, 26.7423, -37.4970**, and **31.2150, 20.6000, -27.3756** is the 20% darker color. If you saturate the color by 10%, you get **60.8680, 30.1381, -53.3812**, and if you desaturate by 10%, it is **71.5550, 24.8694, -43.4597**.

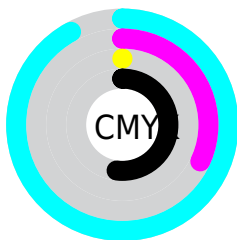
Distribution



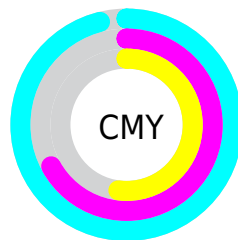
- Red (4%)
- Green (33%)
- Blue (48%)



- Red (4%)
- Yellow (21%)
- Blue (48%)



- Cyan (92%)
- Magenta (32%)
- Yellow (0%)
- Black (52%)



- Cyan (96%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.6190, 27.7958, -48.7779 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 65.6190, 27.7958, -48.7779 by changing the saturation by 10% instead.

■ 65.6190, 27.7958,
-48.7779

■ 65.6190, 27.7958,
-48.7779

■ 255.0000, 0.0000,
0.0000

■ 46.2780, 25.0059,
-40.5858

■ 120.7560, 26.7423,
-37.4970

■ 31.2150, 20.6000,
-27.3756

■ 147.4680, 26.8843,
-36.3674

■ 16.2660, 16.6309,
-14.2653

■ 174.8810, 27.1737,
-35.8526

■ 4.4800, 12.0884,
-3.9290

■ 202.5390, 25.8633,
-35.5527

■ 0.0000, 0.0000,
0.0000

■ 227.3470, 13.6329,
-32.7533

■ 244.2360, 5.3067,

-22.1320

252.9070, 1.0318,
-4.3034

65.6190, 27.7958,
-48.7779

65.6190, 27.7958,
-48.7779

60.8680, 30.1381,
-53.3812

71.5550, 24.8694,
-43.4597

77.4910, 21.9429,
-38.1416

84.3130, 18.5797,
-32.7235

90.2490, 15.6532,
-27.4054

96.1850, 12.7268,
-22.0872

■ 102.1210, 9.8003,
-16.7691

■ 108.6440, 6.5845,
-11.9658

■ 114.8790, 3.5107,
-6.0329

■ 120.8150, 0.5842,
-0.7148

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.3100, 23.0182, -56.3999



65.6190, 27.7958, -48.7779



78.4390, 20.9826, -10.0320

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.6190, 27.7958, -48.7779



78.8090, -6.8078, 37.0015



71.5020, -11.5865, -17.1033

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.6190, 27.7958, -48.7779



66.3810, -27.7958, 48.7779

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7450, -20.0873, 2.8546



65.6190, 27.7958, -48.7779



77.9580, -16.2483, 31.6088

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.6190, 27.7958, -48.7779



79.8220, 3.5388, 31.7281



76.8010, -21.5939, 19.4685



62.8000, 3.0566, -47.1826

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.6190, 27.7958, -48.7779



80.5830, 15.9816, 7.3817



76.8010, -21.5939, 19.4685



72.9220, -15.2445, -10.4556

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65.6190, 27.7958, -48.7779



136.0390, 10.8268, -19.3282



79.9620, -16.2503, -61.3567



65.6440, 6.5845, -11.9658



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.6190, 27.7958, -48.7779



78.4730, 39.2068, -68.8208



33.9210, 43.4229, -20.9787



58.0320, 1.4632, -2.6591



61.7970, 31.1591, -54.1960



125.5830, 62.3236, -110.1363

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51.8100, 15.3767, 61.5566



58.9840, 21.6999, 86.8370



98.0790, -43.4229, 20.9787



57.2500, 0.8628, 3.2887



46.6090, 16.9548, 68.7489



94.1580, 34.9251, 138.4274

Previews

White Background



This preview shows how the YUV color 65.6190, 27.7958, -48.7779 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 65.6190, 27.7958, -48.7779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

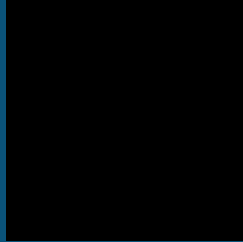
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 65.6190, 27.7958, -48.7779

Background



This preview shows how black text looks on a background with the YUV color 65.6190, 27.7958, -48.7779.



This preview shows how white text looks on a background with the YUV color 65.6190, 27.7958,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65.6190, 27.7958, -48.7779

Protanopia

77.9720, 19.2408, -11.3764

Deuteranopia

75.9540, 23.1937, -19.2537



Tritanopia

61.6710, 15.4452, -54.0855

Trichromacy



Original Color

65.6190, 27.7958, -48.7779

Protanomaly

73.3940, 22.4838, -24.9015

Deuteranomaly

72.3440, 24.9734, -30.1197

Tritanomaly

63.5340, 19.9497, -52.2113

Monochromacy



Original Color

65.6190, 27.7958, -48.7779

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.8220, 9.9478, -17.3839

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.6190, 27.7958, -48.7779 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(10, 83, 122)` looks like.

```
.text, #text, p{  
    color:rgb(10, 83, 122)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(10, 83, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 83, 122) }
```

Border

The CSS property to change the border of an element to YUV 65.6190, 27.7958, -48.7779 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(10, 83, 122) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(10, 83, 122) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(10, 83, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 83, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 83, 122);  
box-shadow:4px 4px 4px 4px rgb(10, 83,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 65.6190, 27.7958, -48.7779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 83, 122) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(10, 83,  
122) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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